Cc: Yeh, Alice[Yeh.Alice@epa.gov]; Vaughn, Stephanie[Vaughn.Stephanie@epa.gov]; Taha Marhaba[marhaba@njit.edu]
To: Meegoda, Jay N.[jay.meegoda@njit.edu]
From: Basso, Ray
Sent: Fri 11/22/2013 12:23:32 PM
Subject: RE: Passaic River

Jay, thanks for the clarification. We have a lot going on right now, allow me to get some feedback from our experts in this area so we can plan for a presentation at some later date accordingly.

From: Meegoda, Jay N. <jay.meegoda@njit.edu>
Sent: Thursday, November 21, 2013 2:47 PM
To: Basso, Ray
Cc: Yeh, Alice; Vaughn, Stephanie; Taha Marhaba
Subject: RE: Passaic River

Ray,

Thank you for your prompt reply. The ultrasound technology is repeated to shown to be effective in contaminant decontamination but the decontaminated contaminates need to be removed immediately or else they are reattached to sediments. The system that is described in one of the manuscript describe a technology that could remove contaminates while dredging. However, that would require a larger vessel and hence not feasible in Passaic River. However, I have proposed a in situ contamination technology with Advanced oxidation process (AOP). If you are interested I could come over and make a presentation. There is interest we could develop a proposal for SERDP.

Thanks

Jay N. Meegoda

Professor of Civil & Env. Engineering

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Newark, NJ 07102, USA

Phone 973-596-2464, Fax 973-596-5790

From: Basso, Ray [mailto:Basso.Ray@epa.gov]
Sent: Wednesday, November 20, 2013 5:57 PM
To: Meegoda, Jay N.
Cc: Yeh, Alice; Vaughn, Stephanie
Subject: RE: Passaic River

Jay, thanks, we have been apprised of similar technology solutions in the past and although promising they always seem to have limitations in their application in the real world. That said, I will get a reality check from people who have expertise in this area. If the news is promising we will let you know.

From: Meegoda, Jay N. <jay.meegoda@njit.edu>
Sent: Wednesday, November 20, 2013 5:19 PM
To: Basso, Ray
Subject: Passaic River

Ray,

This is further to our conversation last week in Newark and previous week in Verona. Please see the enclosed on remediation of sediments using ultrasound. A modified version of ultrasound technology can be used to remediate sediment without dredging. Would you be interested in such out of the box technology?

Thanks

Jay N. Meegoda

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